

INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 02/00415

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B24B21/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B24B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02 02270 A (KUENDIG HANS RUDOLF ;KUENDIG AG (CH)) 10 January 2002 (2002-01-10) page 3, paragraph 3 –page 5, paragraph 1 figures 3-5 ---	2,3,5-7
Y	US 4 601 134 A (HESSEMANN JUERGEN) 22 July 1986 (1986-07-22) column 4, line 24 – line 57 figure 2 ---	1
Y	US 5 092 081 A (CROUCH ROBERT H ET AL) 3 March 1992 (1992-03-03) column 5, line 60 – line 68 figures 2,3,9 ---	1
A	---	9
A	---	4,8
	-/-	

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

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- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the International search

25 March 2003

Date of mailing of the international search report

01/04/2003

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 39 33 697 A (KREIPE HERBERT) 11 April 1991 (1991-04-11) column 3, line 24 - line 56 -----	5

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/CH 02/00415

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
WO 0202270	A	10-01-2002	AU WO	6370901 A 0202270 A1		14-01-2002 10-01-2002
US 4601134	A	22-07-1986	DE AT DE EP ES JP JP	3402104 A1 30690 T 3467318 D1 0155380 A1 8606053 A1 1992018 C 7004751 B 60167757 A		01-08-1985 15-11-1987 17-12-1987 25-09-1985 01-10-1986 22-11-1995 25-01-1995 31-08-1985
US 5092081	A	03-03-1992	CA	2023799 A1		10-01-1992
DE 3933697	A	11-04-1991	DE	3933697 A1		11-04-1991